

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 4    | ((("5258056") or ("5407465") or ("6270556") or ("6322611")).PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/12/13 13:51 |
| L2    | 488  | (95/96).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/12/13 13:52 |
| L3    | 855  | (95/96-103.ccls.) and (psa or swing)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 13:53 |
| L4    | 855  | (95/96-103.ccls.) and (psa or swing)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:29 |
| L5    | 473  | 4 and ((adjust\$3 or control\$4 or tun\$3) same (cycle or time or balanc\$3 or ballanc\$3 or equaliz\$))  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 13:54 |
| L6    | 290  | 4 and ((adjust\$3 or control\$4 or tun\$3) near6 (cycle or time or balanc\$3 or ballanc\$3 or equaliz\$)) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:37 |
| L7    | 79   | 4 and auxiliary   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:30 |
| L8    | 92   | 4 and ((adjust\$3 or tun\$3) near6 (cycle or time or balanc\$3 or ballanc\$3 or equaliz\$))               | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:28 |
| L9    | 0    | cristian.in. and monereau.in. and (psa or swing) and (control\$5 or adjust\$3 or tun\$3 or auxiliary)     | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:13 |
| L10   | 0    | cristian.in. and monereau.in. and (psa or swing)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:12 |
| L11   | 8    | guillaume.in. and souza.in. and (psa or swing)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:09 |
| L12   | 0    | cristian.in. and monereau.in. and (psa or swing)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:13 |
| L13   | 37   | monereau.in. and (psa or swing)   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:13 |
| L14   | 31   | monereau.in. and (psa or swing) and (control\$5 or adjust\$3 or tun\$3 or auxiliary)                      | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:13 |
| L15   | 35   | 4 and ((adjust\$3 or tun\$3) near6 (bed))   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:33 |
| L16   | 3    | 4 and ((adjust\$3 or tun\$3) near3 (number))  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:32 |
| L17   | 8    | 4 and ((optimiz\$) near3 (chang\$3 or alter\$3))  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/12/13 14:37 |
| L18   | 0    | 4 and ((adjust\$3 or tun\$3) near6 (cycle or time or balanc\$3 or ballanc\$3 or equaliz\$5))              | USOCR              | OR               | ON      | 2006/12/13 14:28 |
| L19   | 8    | (95/96-103.ccls.) and (psa or swing)  | USOCR              | OR               | ON      | 2006/12/13 14:29 |

## EAST Search History

|     |      |   |                      |    |    |                  |
|-----|------|---|----------------------|----|----|------------------|
| L20 | 3    | 4 and (auxiliary near3 cycle)   | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:30 |
| L21 | 185  | (96/109-115.ccls.) and (psa or swing)   | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:43 |
| L22 | 135  | 21 and ((adjust\$3 or control\$4 or<br>tun\$3 or chang\$3) near6 (cycle or<br>balanc\$3 or ballanc\$3 or equaliz\$ or<br>bed or number))          | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:38 |
| L23 | 70   | 21 and ((adjust\$3 or tun\$3 or<br>chang\$3) near6 (cycle or balanc\$3 or<br>ballanc\$3 or equaliz\$ or bed or<br>number))                        | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:44 |
| L24 | 17   | (96/109-115.ccls.) and (psa or swing)   | USOCR                | OR | ON | 2006/12/13 14:43 |
| L25 | 52   | (96/121.ccls.) and (psa or swing)   | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:43 |
| L26 | 12   | 25 and ((adjust\$3 or tun\$3 or<br>chang\$3) near6 (cycle or balanc\$3 or<br>ballanc\$3 or equaliz\$ or bed or<br>number))                        | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:44 |
| L27 | 1494 | (95/90-148.ccls. or 96/108-154.ccls.)<br>and (psa or swing)   | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:45 |
| L28 | 8    | 27 and ((adjust\$3 or chang\$3 or<br>control\$4) near3 (number near3<br>(adsorber or bed)))   | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:47 |
| L29 | 1    | 27 and ((adjust\$3 or chang\$3 or<br>control\$4) near3 (number near3<br>(balanc\$3 or ballanc\$4 or equaliz\$)))                                  | US-PGPUB;<br>USPAT   | OR | ON | 2006/12/13 14:50 |
| L30 | 5    | (psa or swing) and ((adjust\$3 or<br>chang\$3 or control\$4) near3 (number<br>near3 (balanc\$3 or ballanc\$4 or<br>equaliz\$ or adsor\$ or bed))) | EPO; JPO;<br>DERWENT | OR | ON | 2006/12/13 14:50 |
| L31 | 7    | (psa or swing) and ((adjust\$3 or<br>chang\$3 or control\$4) near6 (number<br>near3 (balanc\$3 or ballanc\$4 or<br>equaliz\$ or adsor\$ or bed))) | EPO; JPO;<br>DERWENT | OR | ON | 2006/12/13 14:50 |